

Abstract

After a sample is previously separated into plural components in a channel formed in a microchip (353), the channel is irradiated
5 along a separation direction with a laser beam from a laser oscillator (361) to sequentially ionize each fraction separated in the channel. The ionized fraction is detected by a mass spectrometry unit (363) and analyzed by an analytical result analyzing unit (371). The analytical result is stored in a memory (369) while associated with
10 position information in a driver control unit (367) and information on laser beam irradiation condition in a laser control unit (373), and the analytical result is imaged by an imaging unit (375). The imaged analytical result is displayed on a display (377).